

FLORIDA SKIP

VOL. 8 NO. 12

The All Florida Radio Amateur's Publication

MAY 1965

Price 20¢

FCC Proposes License Changes

The Federal Communications Commission issued a Notice of Proposed Rule Making responsive to the League's petition RM-499 and a number of others on the same general subject. It is Docket 15928. Comment deadline is July 15, fortunately an extended period.

Highlights:

A new class of license is proposed, to be known as First Class. To be eligible, an applicant must have held an Advanced, General or Conditional Class license for at least one year. The examination would include a 16-w.p.m. code test and written exam of technical level between the present General and Extra Classes.

The Advanced Class of license would not be renewed except as General Class.

One year from the date of adoption of the new rules, only Extra Class licensees would have operating privileges in the lowest 25 kc. of each the 80-40-20-15-meter c.w. bands; after two years, the lowest 50 kc. of each named band. One year from adoption, only First and Extra Class licensees would have voice privileges in the lower one-fourth of each the 80-40-20-15-meter phone bands, plus the lowest 100 kc. of 50 Mc., and the lowest 500 kc. of the 2-meter band. Two years from adoption, the Extra and First Class privileges would be the lower half of each named phone band, plus 250 kc. at the low end of 50 Mc. and 1 Mc. at the low end of 2 meters.

It is further proposed that the Novice Class license have a two-year term, but that Novices no longer have voice privileges in 145-147 Mc. (c.w. operation would remain available).

Distinctive calls are proposed. An Extra Class holder originally licensed prior to July 1, 1932, would receive a two-letter call with a single W prefix; e.g., W1AW. An Extra Class holder originally licensed subsequent to July 1, 1932, would receive a "2x2" call with a two-letter W prefix; e.g., W1AW.

A First Class holder originally licensed prior to July 1932, would receive a two-letter call with a single K prefix; e.g., K1AW. A First Class holder originally licensed subsequent to July 1932, would receive a two-letter call with a K prefix; e.g., K1AW. (Some conflict

with possessions and other areas is recognized and will be adjusted later.)

General (and Advanced, as long as they exist) Class holders would have standard "1x3" calls; e.g., W1ABC or K1ABC. Conditional Class holders would have WC (or WD if eventually needed) prefixes; Technicians WT (and perhaps WU), and Novices KN/WN, etc., as at present.

Call sign changes would be made as each licensee applies for modification or renewal. However, no present holder of a two-letter call would lose it

Continued on Page 12

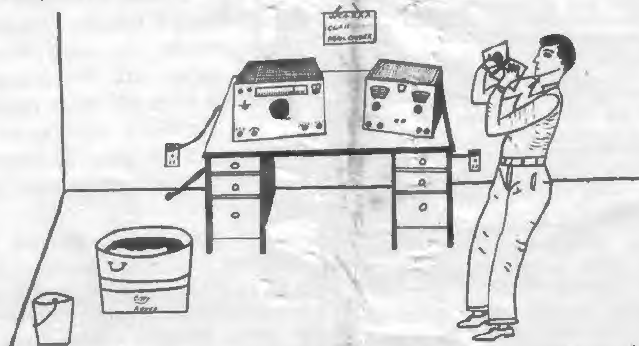
Field Day

Time is flying. Field Day will soon be upon us once again. Has your club or group made plans to keep June 26 and 27th open for another hot weekend of activity? If not, you'd better start getting your equipment lined up right now.

FLORIDA SKIP just purchased another new big Field Day Trophy which will be awarded the Fla. Club or group with the highest FD score, regardless of number of transmitters. This trophy will be awarded each year for 5 years and the club or group who wins it the highest number of years out of 5 will keep it for good. We also purchased another smaller FD trophy that will go to the club or group who has the highest score for only one transmitter. All submitting scores for one transmitter must submit a copy of their log. To be eligible as a winner the submitted claimed score must be published in the final FD results in QST. This is the only way we have of knowing all logs are in order since we do not ask for copies of the logs on multi-transmitter scores.

Please send us your scores and/or copies of logs in the case on one transmitter scores as soon as possible. Give us the following info: Name of club or group; claimed scores; number of transmitters; place where

Continued on Page 9



"Step 8: Now turn switch 'B' to 'ON' position — this applies 1200 volts to the plates. Quickly dip the final. You should get 500 Ma."

EDITOR

Andy Clark, W4IYT
P.O. Box 501

Miami Springs, Fla. 33166

ADVERTISING MANAGER

Frank Orcutt, W4JO

Miami, Fla. Ph. 444-0481

BUSINESS MANAGER

Betty Clark, W4GGQ

P.O. Box 501

Miami Springs, Fla. 33166

SPECIAL ASSISTANT

Dick Blasco, WA4DHU

6270 N.W. 38th Street

Virginia Gardens, Fla. 33166

ASS'T. ADVERTISING MANAGER

Bob Kaplan, WN4

18712 N.W. 19th Ct.

No. Miami, Fla. 33166

Second class postage paid at Miami, Fla. Published monthly.

The publishers of this paper do not assume responsibility of statements made by their advertisers in business competition.

All Signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP.

Deadline - 10th of month in Box 501, Miami Springs, Fla. 33166.

PERMISSION: Anything in Florida Skip may be reprinted in any other amateur radio publication in the world with a Credit Line please.

FLORIDA SKIP AWARD NOMINATING COMMITTEE: Herb Hamilton, K4KDN, 1524 S. Lake Howard Dr., Winter Haven - Evelyn D. Gauzens, W4WYR, 2780 N.W. 3rd St., Miami 33135.

Dear Mobil XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

FLORIDA SKIP CORRESPONDENTS

IT'S A FACT, Geo. Hunt, W4NUT 1218 S.W. 21st Ct., Ft. Lauderdale

FEATURE WRITER, Geo. Thurston, W4MLE, 2116 Gibbs Dr., Tallahassee, Fla. 32303.

DX, W4LVV, Chuck Bolvin, 2210 S.W. 27th Lane, Miami, Fla. 33133

HINTS & KINKS, R. V. Frederick, K4UGC, 460 N. W. 108th Terrace, Miami 33150.

ONYX, MABEL, THE OLD TIMER c/o Florida Skip, P.O. Box 501, Miami Springs, 33166.

SKIP PHOTOGRAPHER Ross Par-

sons, K4NVD, 4316 S. Clark St., Tampa, Fla. 33611.

W. FLORIDA NEWS, Frank Butler, Jr., W4RKH, 404 E. Elliot Rd., Ft. Walton Beach.

160 M. Dave Hayden, W4WHK, 630 River Road, Orange Park, Fla.

VHF-Bertha Eggert, WA4BMC, 1510-17th Ave., No., Lake Wales.

NETS

QFN, Bill Dunham, W4TRS, 2204 Floyd St., Sarasota.

Flamingo, Walt Dixon, W4DWN, 820 N.E. 123rd St., Miami

FSBA, Dale Temple, WA4NUR, 1612 Clark St., Clearwater.

FLORIDA ARRL OFFICIALS

SCM-EASTERN FLA. Albert Hamel, K4SJH, 220 N.E. 25th St., Pompano Beach, Fla.

SCM-WEST FLORIDA, Frank M. Butler, Jr., W4RKH, 494 Elliot Rd., Ft. Walton Beach, Fla.

SEC-EASTERN SEC. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 33166.

SEC-WESTERN SEC. George Thurston, W4MLE, 2116 Gibbs Dr., Tallahassee.

CLUBS

Broward, ARC, Jim Wilson, WA4RXG, 1204 Avocado Isle, Ft. Lauderdale

Dade, RC, Dick Burns, WA4SPS, 3695 S.W. 5th St., Miami 33135.

FLORIDORAS, Jeri Bolles, K4RCX 109 S.W. 13th Ave., Ft. Lauderdale.

Hialeah ARC, Red Clotfelter, K4GPJ, 650 E. 60th St., Hialeah.

Jacksonville, NFARS, Louise Chandler, WA4KLN, 7642 Laura St., Jacksonville 32208.

Orlando, ARC, Hal Shea, W4BCK, 736 Alfred Dr., Orlando.

Orlando, CF6C, Robert Montgomery, K4VFF, 903 Fendell Rd., Orlando.

Tampa, HARS, Ron Griffith, WA4-MKX, RFD 1, Box 304, Odessa.

Tampa, TARC, Don Fischer, WA4CJG, 4622 Beach Park Dr., Tampa, Fla. 33609.

"Typical" Amateur Station???

The following is the text of a post card describing a simple, everyday amateur radio station, which is similar to many other stations across the country and especially in Appalachia:

"Three operating positions allow 1000-watt rigs in each to be put on the air simultaneously. Booth one to the left contains Collins "S" Line driving 30-S1 linear. The antenna patch panel is located to the right in this booth.

"Booth two contains a Johnson 6N2 exciter driving a 6N2 Thunderbolt linear. The receiver is model 645 Tapetone for 6 meters with a TC-144-6 Tapetone 2 meter converter. On the upper shelf to the left is the KWM2A used in the mobile unit as shown in the outside view. On the right is a Collins 51J4 standby receiver.

"Booth three contains a TMC SBT-1KA. Receiver is a 75A4 which will be exchanged for a 51S1 not available now. On the upper shelf right side is a Hallicrafters TO-Keyer Model HA-1. On the left is a panoramic adaptor. Not shown in the photo is a Hallicrafters HT33B used with the KWM2-A in fixed portable locations.

"Ground system includes five miles of #6 copper wire woven into the rod job of the swimming pool, leach lines to septic tanks, down to water, under the floors and into the foundations of all construction. Building is sitting on virgin vein of native copper.

"Club building designed for purpose, contains 1,200 square feet including operating room as shown, plus three-quarter bath, entry hall, guest room and a Finnish steam bath.

"Three antenna systems cover 2 thru 75 meters. Left end of building shows Telrex 10-15-20 Xmas tree stack of three element optimum spaced beams on a Tri-EX HZR-471N retractable tower. Raised and lowered by remote control from patch panel the entire tower rotates. Hy-Gain indicator, inside picture center, shows direction. Maximum height 81' 9-3/4" above the daisies.

"Big Bertha" weighs over 9,000 lbs. as shown. The mast is a modified flagpole 125' long, 14" in diameter at the bottom, 2-5/8" at the top. Completely self supporting, the entire mast rotates in the foundation tube planted in a hole 8'X8'X13-1/2' deep into 32 yards of concrete.

"Telrex antennas from top: 2 meter ground plane, 118', 6 element optimum spaced twenty 110', 5 element optimum spaced six 94', 3 element full sized forty 86', duplicate of upper fifteen 53', duplicate of upper twenty 45'.

"The 2 and 6 meter antennas are separately fed with RG 17AU polyfoam thru an SPDT Dow Key relay. Balance of antennas utilize another similar feed line. Standard 110VDC Dow Key relays in weatherproof brass boxes are used as phasing relays and one dozen more connected in series in another brass box allows selection of individual or phased antennas by means of a twelve position selector switch on the antenna patch panel. At their resonant frequency individual and phased arrays are completely flat and the VSWR IS very favorable over all other amateur bands.

"The Hy-Gain, Hy-Tower stubbed vertical operates on all frequencies 10 thru 75 meters and does an outstanding job. 131 66-foot ground radials are connected together in a 132' circle."

Yes, the above station IS for real: it is K7LJA, the Mummy Mountain Radio Club in Scottsdale, Arizona. I'll take two -- and one for the kiddies!

St. Pete, SPARC, Cathy Seeds, W4BAV, 829 - 21st Ave., No. St. Petersburg.

VHF Suncoast, Leslie Johnson, WA4EEZ, P. O. Box 12185, St. Petersburg, Fla.

SPECIAL SALE!

FANTASTIC SAVINGS!
ACT NOW!

All New Demonstrators In Warrantee

B & W	LPS-1 KW Power Supply	\$125.00	JOHNSON	Viking Invader 2000 Transmitter. . .	\$899.00
CLEGG	651 Matchmaster.	17.50	MOSLEY	CM-1 Receiver	99.00
COLLINS	99er Six Meter transceiver.	139.00	NATIONAL	NC-270 Receiver.	185.00
GALAXY	62S-1 Six and Two Meter.	680.00		NC-155 Receiver.	135.00
	3 SSB Transceiver.	295.00		NCX-3 Transceiver.	305.00
	5 SSB Transceiver.	395.00	RME	6900 Receiver.	295.00
	SR-150 Transceiver.	575.00	SBE	SB1-LA Amplifier	195.00
	SR-160 Transceiver.	305.00	SWAN	TCU Remote VFO.	89.50
	HT-37 Transmitter.	375.00		406 Frequency Control Unit.	55.00

COLLINS	KWS-1, extra clean, spares	\$795.00	HALLICRAFTERS	SX-71 Receiver.	49.00
	32S-1, like new.	449.00		S-76 Receiver.	74.50
	75A-4, Serial 5404, extra clean	425.00	HAMMARLUND	HQ-180C Receiver.	275.00
	75A-4, Serial 420	375.00		HQ-100C Receiver.	90.00
	75A-4, Serial 419	360.00	HEATH	HQ-129X Receiver.	85.00
	75S-3, Perfect, 200 cycle filter	459.00		Apache TX-1 Transmitter	159.00
	75A-3, with calibrator	255.00		DX-60 Transmitter.	74.50
	75A-2, with product detector	275.00		HG-10 VFO	29.00
	62S-1, new demonstrator.	680.00		DX-40 Transmitter.	37.50
	516F-2 AC Power Supply	75.00	JOHNSON	HX-11 Transmitter.	37.50
	PM-2 AC Power Supply	95.00		Viking KW, Pedestal	695.00
CENTRAL ELECTRONICS	200V Like New.	449.00		Viking Valiant	195.00
CLEGG	99er, like new demonstrator.	149.00		Viking SSB Adapter.	195.00
DRAKE	2B Receiver, clean	195.00		SWR Bridge & Meter.	22.00
GLOBE	680A Transmitter	39.00		Viking Ranger	115.00
	Chief Delux.	37.50		March Box	37.50
	Chief Delux.	34.50		Signal Sentry	17.50
GONSET	G-50 Transceiver	225.00		NCX-3 with Supply, like new	325.00
	G-77 with supply.	220.00		HRO-60 with 4 coils	220.00
	HT-37 Transmitter.	75.00		NC-300 with calibrator.	149.00
HALLICRAFTERS	SX-100 Receiver.	270.00		NC-270 with Speaker.	129.00
	SX-71 Receiver.	149.00		NC-183 Receiver	99.00
	SX-99 Receiver.	89.00			
		69.00			

DON'T FORGET
WE BUY - SELL
TRADE - SERVICE
MIAMI
FR 4-4101

AMATEUR RADIO CENTER, INC.
"THE ONLY EXCLUSIVELY HAM STORE IN MIAMI"
2805 N.E. SECOND AVE. MIAMI, FLA.
OPEN ALL DAY SATURDAY 'TIL 6 P.M.

TERMS: 10% DOWN
BALANCE EASY
MONTHLY PAYMENTS
FORT LAUDERDALE
524-4484

CLUB & NET

NEWS

WESTERN FLORIDA

FRANK M. BUTLER, JR., W4RKH

Pensacola: W4GPH retired recently after many years as Editor of Pensacola Journal and hopes to become active again. K4BZJ, K4OOW, W4SRM, and W4UCY are heard on 29,560 kc. W4UUF, K4FTI, and W4ILM work into Ft. Walton regularly on 145.2 mc. They also work Alabama, Mississippi, and Louisiana. K4SMB is selling his linear and going QRP. K4BDF, K4COV, and W44BYI keep busy handling traffic for the Weather Bureau on 3836 kc.

Fort Walton/Eglin AFB: While visiting Eglin, K7UGA, Barry Goldwater, was presented with Honorary Membership in EARS by Club Officers K1CTG, W4VMR, W4MMW, and W4RKH. W4TFL says his fine traffic total cost him many hours of sleep this month! W8WDZ built a co-linear 2m antenna which works FB. W44WAX joined the 2-meter gang. W44HWX and W44ABP are the 2-meter DX men.

Panama City: W44NRP

QFN CW Net

By W4TRS

Good news for net members, our new manager for the next six months will be Chuck, W4LUV in Orlando. Chuck's term begins on May first. We wish him good luck.

The QFN had a good month with 65 different stations QNI the net. Total QTC for March: 815. Rate per session was 13.4, and average time per session was 41.8 minutes. This elapsed time figure being higher is partly due to interference and crowded conditions. Also the QNI being larger adds to the length of session.

The following stations were the top ten QNI for March: W4TRS 49, W44NBT 39, W4OZC 38, W44HDH 36, K4BY 35, W4TFL/4 34, K4COO 33, W44BGW 29, W4LUV 28, and W4BVE and W44BAW tied for tenth place with 24 each.

W44JYB in the last bulletin had some things to say

has a BC-221 going and is ready for the next FMT. He and W44IMC worked Ft. Walton with their ground planes on 2-meters. K4VFX has a new 2-meter rig under construction. W4FOX set up a station to track Oscar III. Did anyone else in the Section hear it?

Port St. Joe: K4LQQ and W4WEB mobiles to Atlanta for Third Army MARS meeting.

about ways to speed up the net, and am happy to say some of the members have taken it to heart. The one thing I noticed was the way more stations are taking less time when signing in and out of the net. This helps the NCS get his work done faster and easier, and believe me, being NCS is no picnic as most of you know. While on that subject, it would be nice if more fellows would try their hand once in awhile and be prepared for alternate NCS duty.

There should be a NCS and alternate for every day in the week. Make your wishes known to the net manager, he will welcome you with open arms.

Easter will come and go before you read this, so I wish you all a belated Happy Easter. Also, I hope to have met everyone at the Orlando Hamfest. In the meantime: Be a good neighbor.

Florida Sidebanders Association

By W44NUR

During the Month of March, the following stations were Certified as Members of the Association: K4ADD, K4YSN, W44VJL, K4FTN, K4PNJ, and K4VFX. WELCOME.

On 3/28/65, The Florida Side-Banders Association adopted as a project the task of supplying and installing such equipment as may be found necessary to put the station at the School for the Blind and Deaf at St. Augustine, on the air with a reasonably good signal. Chair-

VHF EASTERN FLORIDA

Bertha Farr Eggert, W44BMC VHF-PAM

Oscar Three was launched into orbit March 9th. That night, I was on 20 meters and heard the information given out.

The first thing to do was to copy W1AW at 8 PM each night, for the Orbital Predictions. My undying gratitude goes out to ARRL for W1AW. The CW practice is wonderful and the predictions made it possible for me to track the Satellite.

We found the "hi-hi g-rrrrr" signal 145,840-1/2 and on up nearer 145,900 we heard the CW signal being transmitted by Oscar. We never heard any SSB or AM, just CW, but I have heard other stations say that they did. We taped many, many passes and have many signals on tape and have mailed them to Project Oscar. It made 16 passes in a 24 hour period. It comes over every 104 minutes, then 103 minutes, then 104 minutes, etc. I have heard that the translator passband went out on Orbit # 205 but we didn't hear it after March 21st, which be Orbit # 170 something. We think we heard a GB signal and an XE1. We are sure of hearing a WA2/2. There were many other signals on our tape, that was mailed to Project Oscar.

The Oscar Three is still up there, still sending its "hi-hi-g-rrrrrr" and we copied, still on tape, Orbit # 394 On April 7. The "g-rrrrr" is my effort to phonetically spell out the telemetry signal which follows each "hi-hi". This is a very interesting sound and fed through an oscilloscope gives vital information to the scientist about the condition of the package.

Many stations in this ARRL Section are participating in this extremely interesting 2 meter project, but no one has sent me any written information, so that I cannot quote any of their activities. I hope that they will send them to me, so that I may put them in Florida Skip for next month.

W44MKE/W44FZV made a wonderful assistnat VHF-PAM report on tape. Thank both of you. Vill Carmichael, W44EVQ, also an assistant PAM, from Homestead, always sends me a very good report.

Ham, K4SJH, Scm, East Florida, and I, have changed our daily two meter schedule, from 11:30 AM to 9:30 AM, but the frequency is the same., 145.338.

W4MVB, Jess, assistant VHF-PAM for the Jacksonville area, made a very interesting report on the Oscar Satellites, on the Florida Side-Band Association Meeting, April 4th, and promised to make another one at a later date, on Oscar Three.

Congratulations to John, K4IXC, for working K6HMS, via the Oscar Three. We are very proud of you, John.

I hope by the time you read this, that you have worked a seven-land station and one from the Bahamas, on six meter skip. Let me know what you work on both two and six meter skip, will you, please.

Good luck on six meters and may you have little or no TVI.

Bertha Farr Eggert, W44BMC,
VHF-PAM-E. FLA. - ARRL.

dents at the school who have their Novice Licenses but, because of inadequate equipment, their enthusiasm has been dampened. Let's all get behind this committee and help these people develop their interests. Anyone wishing to help will surely be welcome -- just contact W44SCY most any night at 1800E. on 3940KC -- the FAST Net.

Ladies and Gentlemen, buy that new equipment now. Money can't buy health, happiness, love, or what it did last year.

W44NUR, Sec.,
Fla. Side-Banders Assn.

man of the committee in charge is W44SCY. Committee members are: W44COR, W44QBY, W44BMC, W44URX, K44YSN, and K44QAY.

This worthy cause was accepted wholeheartedly by the membership as evidenced by the pledges of "goodies", willingness to construct kits, and offers of help with sweat of the brow. Ways and means of raising funds and equipment needed are under discussion by the committee. W44SCY will coordinate our activities with the school officials.

There are several stu-

Comments On Florida QSO Party

A few thoughts on the Florida QSO Party from comments on the air and from mail received to date.

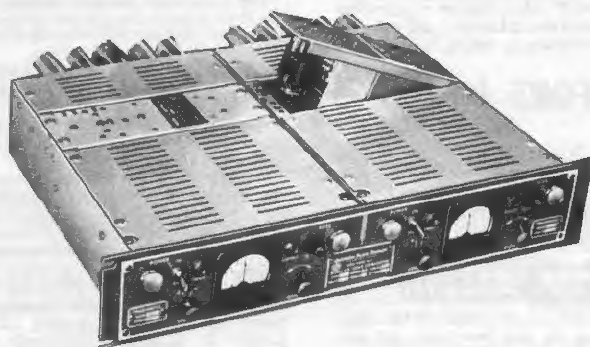
First of all, let me personally apologize for fouling up the dates of the contest. Don't know where my mind was at the time, but won't ever let it happen again. Next time, it'll be Saturday nite thru Sunday night, with a suggestion to extension of the operating hours, and retaining the feature of breaks of a few hours so that activity can be concentrated. There is pro and con on this and will appreciate comments by mail or ARL 7.

The big point definitely seems to be "not enough Florida activity!!!!" W1DPJ sez: Not mnl FLA stns hrd hr, a typical comment on two or three QSL cards received. Other comments were: Enjoyed party, see you next year es hope it will be better and bigger. So there you are -- from past contests, I have heard some of the best ops in the USA and the world on from Florida, putting me to shame, and even if they weren't on Friday nite, what

about Saturday?? It will be interesting to see just how many counties are represented -- only 12 were worked here, and K4VFX, who had mnl more QSO's than I did, I think worked one less. Perhaps people can be polled before next year to see just how many are interested.

On the other side of the ledger, out of state participation was quite high and I think, very rewarding for those Fla. stations participating. I worked 35 states and five ve provinces, and a total of 162 QSO's on 80-15, and this by far won't be the best total. It shows that people are interested, whether for the USCA award or for the love of a contest. All districts were worked, and the heaviest participation, as in most state contests, was concentrated on 80 and 40, although the participation on 20 was remarkably high compared to many tests of a similar nature.

So there's a first look at our initial effort at an inter intra state contest from a cw standpoint only. Barb, WN4CCD listened on the fone



RTTY-Dual Frequency shift tone converter, 110-220 V 50-60 cy, 1 ph. Northern Radio type 152. Each tone converter is self contained including power supply. O/A dim. 17"x3½"x19", complete with tubes and cables, used, excellent, \$45.00 each. Modification in RTTY January, 1965.

RTTY - Dual - Frequency shift tone keyer, 110-220V, 50-60 cy., 1 ph. Northern Radio type 153, each tone keyer is self contained including power supply, O/A dim. 17"x3½"x19", complete with tubes, cables and instruction book, new, \$50.00 each.

ATLANTIC SURPLUS SALES
250 Columbia Street, Brooklyn, N.Y. 11231

This License Change Business

It's unfair, it's undemocratic, it's unamerican, it's unconstitutional, and it's unad infinitum. That seems to be the cry of the day on this license business.

I cannot help but wonder whether or not these noisy howls and misplaced blame are but a smoke screen from those who actually are not qualified for what they now have?

What we are going thru is not the same as that which occurs when the baby and the bottle are separated. In this case, some of these babies have had the bottle too long. What we are hearing is, should I say, "the noise from the spoiled brats."

Onyx.

bands and found participation lacking. There were mistakes made, all my fault as far as putting out the correct information, which I assure you will be rectified by next year. Final comments on the party will be made when all the logs are in, and scoring completed. If any of you have your own comments, favorable or detrimental, a postcard or ARL 7 will be appreciated. 73,

Dave Hayden W4WHK
Contest Chairman
c/o Florida Skip.

MEMBERSHIP CHANGES OF ADDRESS

Four weeks' notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

Orlando ARC Made Awards

The Orlando Amateur Radio Club, Inc., has added another item to their list of accomplishments. This year, for the first time, they awarded money prizes and ribbons to selected winners in exhibit competition at the Orange County Regional Junior and Senior High Schools Science Fair.

These prizes were special awards confined to the exhibits in the communications category under the major Physics classification.

Wes Gardner, K4KRG, President of the Club this year, made the presentations of the awards as follows:

First Place, Dale Heatherington, Maynard Evans High, \$25.00 and blue ribbon;

Second Place, Barry Watzman, Edgewater High, \$15.00 and red ribbon;

Third Place, Bol Gosselin, Colonial High, \$10.00 and yellow ribbon;

Honorable Mention, Lane Lauderback, Memorial Jr. High; and Danny Raidt, Maitland Jr. High.

The judges were George Horanic, W4PWW; David Hall, W4TOD; and Elmer Huddleson, W4HFR. They were very pleased to learn later that their first and second place selections also received first and third prizes in the Physics classifications which entitled them to exhibit their projects in the Florida State Science Fair. The 1965 Fair was in Orlando April 8, 9, 10.

Elmer Huddleson, W4HFR, deserves a blue ribbon himself as the idea was originated by him and he devoted a great deal of time to this worthwhile project.

Hialeah Office Machine

SERVICE ON ALL MAKES OF BUSINESS MACHINES

CALCULATORS
ADDING MACHINES

TYPEWRITERS
DUPLICATORS



821-1231
TU 7-0636
R. E. LINDSEY

801 W. 49TH ST
PALM SPRINGS MILE
HIALEAH, FLORIDA

CLUB NEWS

FLAMINGO

You can't say the net hasn't had activities, because, as of this issue we have had two Lost Transmitter Hunts and a "On the Air" contest. The "On the Air" contest was a "Guess who this is" type of contest with W4EDP-Jim giving out the clues and standing by each time for somebody to give a guess as to whom he was talking about. W4MNN-Charlie was the first one to guess the man's name correctly and he won a certificate for this feat.

One of the Lost Transmitter Hunts was an "On the Air" type where somebody goes out and losses himself in his mobile and then everybody else on the net uses their beams or other direction finding devices to locate him. WA4NHT-Mel was the Lost Transmitter for this Hunt and the lucky Flamingo to guess his location was WA4KUG-Bill who won himself a plaque.

Our Lost Transmitter Hunt, mobile style, was held here recently with W4DTJ-Carl as the Lost Transmitter. It was held down in the SW section of town and a good number of mobiles turned out for the Hunt. The Lost Transmitter was running such low power it took a little looking around before the signal could be located. After much calling and driving around, the Lost Transmitter was finally located by

NEW SCM

The following results of the Eastern Florida Section SCM run-off were published in the April QST. Mr. Albert L. "Ham" Hamel, K4SJH of Pompano Beach, received 549 votes to 263 for Mr. Landon L. Hoyt, W4PLE of Jacksonville. Congratulations, Ham.

This is Ham's second term after a 2 year lay-off. His address is listed on page two of each issue. He requests all League appointee and traffic reports be sent to him by the first of each month. Let's all get behind Ham again to put Eastern Florida back on top of the national standings. What say?

yours truly W4DWN-Walt, who was first, with K4PFB-Jake coming in second. A certificate award was given for this contest. Everybody had a really fine time at these functions and congratulations go to the Activities Chairman and his assistant who are W4EDP-Jim and WA4NHT-Mel, respectively.

* * *

Hope to see you Friday evening around 7:30pm 29.044mc.

BCNU,
Walt Dixon, W4DWN.

MANATEE ARC

The Manatee Amateur Radio Club, Inc., held its annual meeting at the Red Cross Chapter House in Bradenton on March 22nd and re-elected Ear, W. Dannels K4GG, president.

A. N. (Jack) Moore K4MA, senior vice president; Lamar T. Graham W4FKR, junior vice president; Charles A. Porter K4OA, activities manager; and Jim Felsenheld K4BY, secretary-treasurer.

The club, with a growing membership of 38 meets on the 2nd and 4th Mondays at Red Cross Headquarters, 2614 Manatee Ave. West, Bradenton, at 7:30 P.M. A cordial welcome is extended to all visitors.

FLORIDORA

K4RCX

WA4FJF-Ellen is running for Vice President of YLRL, and W4BAV-Cathy for 4th District Chairman. Good luck, gals, we are all behind you. Starting in September, there will be a new YLCC Custodian, W1ZEN.

W4CWV-Annette, having rig trouble, waiting for new tubes to arrive. She is busy helping with sports car rallies and went to the races at Sebring with her OM, Tommy. Fran-K4PPX, going to World's Fair in May having achieved her weight goal in TOPS Club. K4RCX/RCV-Jeri and Bill had fun working OSCAR. K4RHL/YBL, Ellie and Jake had a very nice visit from Jake's father. Their son, Jock, doing very well in outdoor racing.

K4ANR/W4FE-Ruth and Art have a new Chevy. Ruth received a portable hi-fi for her birthday from OM. WA2WUW/4-Margaret had a meeting with WA4SKB-Marcia. Margaret and Dorothea-W4QBY keeping skeds on CW on 80 metre. Dorothea really enjoying working maritime mobiles on 15 metre. K4RNS/RNR-Marge and Jim made a surprise trip to Orlando and while there attended Radio Club Meeting.

K4ZXS-Georgia had her neck whiplashed in auto accident and wearing a collar and therapy at the hospital every morning. Speedy recovery, Georgia. Her OM Ken, K4NTB checked into the Floridora Net to tell us of her misfortunes. Congratulations to Ann, W4ATBF, on passing her General. K4TBG-Kay is a press correspondent for Amateur Radio Editors Association and also a Master Records Log Keeper for SWL CRC #2 Club.

Congratulations to the officers who did such a terrific job this past year and the very best to the new officers for the coming year. Thanks to K4RHL-Ellie for collecting the news, writing it up and delivering it to K4RCX. All I did was type it, but it was a pleasure doing it and she did a very good job. Thanks, Ellie. See you all on the air soon, I hope.

Birthday greetings for May to: WA4BMC; K4HSC; W4HYV; K4ZXS; WA4STI; WA4BAK.

GOLDCOASTERS

Goldcoasters met Tues., March 30th at noon. Meetings are held at Pals Restaurant ("Cap's Table") in Deerfield Beach. There were 58 paid, thus setting a new all time record for attendance. Practically all zones east of the Mississippi were represented.

Total years of being a ham was 2320. Oldest ham license 1911. Seven (7) hams present have been hams over 50 years!

Expect to continue bi-monthly meetings during month of April.

Last meeting at Pal's Captain Table in Deerfield Beach, was at noon, April 13, 1965.

All hams are welcome, dinner is \$2.00 covering gratuities and tax.

Geo. V. Ruos, WA4GRQ.

SUNCOAST-VHF

By Leslie Johnson, WA4EEZ

The club was honored at the March meeting by Les, W4DH, who showed us magnificent color slides of the Western United States. We saw the majestic Grand Teton Range, blustery Old Faithful, serene Crater Lake, Fisherman's Wharf in San Francisco, and to top off the evening, there were scenes from a beautiful ice show in New York.

At the April meeting, Keith, WA4TIC, will show color movies of Alaska -- before and after the earthquake. Hope all of you will come up and enjoy them with us.

There are hundreds of bridges in St. Petersburg, and the clue was: "If you want to be boss, a bridge you must cross." Don, WA4FBV, was the hidden transmitter March 14, and this was the clue he gave. After 45 minutes of crossing bridges, K4SHI, Roger, found Don. K4CNB, Ned, followed shortly, and the last one to find Don was Larry, WA4VPV. There were nine cars in the hunt, and 12 amateurs in all.

Our past president, and club station trustee now, Jim, K4LYS, has been laid low by flu.

The Spring six meter openings will be coming soon, hope all of you are getting ready with your equipment, so you can "do battle". Also, hope those of you who can, will listen for OSCAR III, and send in your reports to W6EE.

FORT MYERS

W4SMK

Now that the tourists are leaving these parts and the weather is turning warm, most of us are beginning to think about Summer Vacations and Field Day. Orlando seems to have a monopoly on the Fla. prize score in FD, but maybe one these days, they will get surprised. Our club is inclined toward a spot that is better for picnicking than for RF radiation this year, since we have done our best the last few years and still can't seem to beat those Orlando boys. We may run only one or two rigs this year, and will stress quality rather than quantity of operating. At least, we might come up with a good single rig score this way.

Those of you who missed the Fla. QSO Party sure missed a lot of fun, and a good chance to warm up your fingers or tonsils for FD. I didn't listen to the fone boys, but the end of it was real snappy and I haven't had so much fun since my first SS contest. It's a blast to hear 5 or 6 stations stacked up calling you on the frequency. The operators all seemed to be pretty good, and the information required was brief, so things really moved along. I think some of the fun has been taken out of the SS contest by requiring such long messages to be exchanged. Traffic nets are the place to handle traffic, but contest information should be simple as in FD or the

QSO parties. Well done to W4WHK and Skip for sponsoring this FB contest.

Here, in Lee County, we have a problem with TVI on Channel 2 which is being used on one of the cablevision companies. Wonder if you 6 meter men around the State have any simple and cheap solutions to this sort of TVI? 6 meter activity here has hit a new low as a result of the interference problem.

Local Splatter -- W4LNE has his beam back up, but is complaining of line noise now. W4KET is planning on getting in the CQ SSB DX Contest. K4FQU is working on his new quad. W4SMK is eagerly awaiting a new 60 ft. Rohn tower.

ARRL thinks they had problems with their incentive licensing plan. Just wait till FCC gets the reactions from outraged fone men to their idea for 16 wpn, hl. RM 498 begins to look better and better, hey boys.

73, Ken.

THE ANCIENT CITY

The Ancient City Amateur Radio Club ACARC has a club call now, W4WSE, the call of the late Bob Powers. We have 12 active members with club meeting room in the Civil Defense Headquarters. CD Director for St. Johns County, Fred Willis is very communications minded and helps us a lot. We have a club project going on, converting link cab transceivers to 2 meters for local work. Also contact with Putnam County on 6 meters and would like to hear from Clay County. We meet every Monday at 7:30 P.M. on 28.7MC and welcome anyone who wants to take part in the CD practice drills.

One of our members, Joe WA4EYY, is a teacher in the Deaf and Blind School here in St. Augustine, and has 6 young boys about ready to take their Novice exams. Need some rigs for these boys, so if there is anyone who'd like to help out, send it to School for the Deaf and Blind, c/o Mr. J. Albrecht.

Our fair city is celebrating its 400th birthday, so come see us this summer, Big doings going on.

Bob, K4BWO.

VBARC

By Dennis Yantz WN4YFY

The Vero Beach Amateur Radio Club has been in existence for some three or four years, but this will be the first time it makes its appearance in Skip.

Officers are Pres., Richard Jackson, WA4RQB; Vice-Pres., I. J. Rovang, WA4SQB, who is also our new EC; Grover Gnewuch, W4DFZ, and George Jones, WA4QVJ, are our secretary and treasurer, respectively.

Our meetings are every other Thursday at 8 P.M. At our March 18th meeting we were honored by the presence of our own W4IYT Andy Clark. He gave an excellent explanation of the difference between AREC & RACES for which we are very thankful. After discussing the need for an EC in Vero Beach, we chose WA4SCK. The club gave him a pledge of assistance. Although we already had an unwritten plan of action, Andy urged that we put one on paper. I. J. is working on a written plan which will be workable in case of emergency.

Our club has just purchased a Halli-crafter SR-160 transceiver. We have made several contacts with it, the call of our club being WA4SHS. Along with the regular equipment, we are maintaining a surplus room where the fellows can pick up some parts for a nominal fee. Thanks to Chet Watkins, K4KKZ, as well as some of the other fellows, we have a very nice stock of parts.

The club is sponsoring a code and theory class for those seeking the novice ticket. Two new stations have been started, and two more are on the way. Yours truly has recently taken the general exam and is anxiously waiting for the new call. 73 BCNU,

Dennis WN4YFY.

NORTH FLORIDA

By Louise Chandler WA4KLN

The North Florida Amateur Radio Society, Inc., held its regular monthly meeting, Thursday, March 11, 1965, at the Riverside Avenue Christian Church, 2841 Riverside Avenue. We had an attendance of 55 members and visitors. We received two new members into the club. We had a short business meeting, as we had a demonstration on measuring antennas' impedance which all of the club enjoyed. The demonstration was demonstrated by our Activity Manager Ray W4BYG and Ernie W4DAA. The swap shop was open again this meeting, you can never tell what you might have laying around in the shack until the swap shop opens up.

We made plans for Shopping Center March 20, then to prepare for the code and theory class to begin some time in July.

Congratulations went to John K4YTB and Jean K4YTC on their new waterfront home, and too, he paid a lifetime membership dues.

One of our old members just came home from the hospital from another heart attack and his transmitter is broken down and he can't talk on the air, but I believe we got him a helping hand as some of the fellows have a spare.

We are going to have some nice activities in time to come.

The North Florida Amateur Radio Society, Inc., held its regular monthly meeting April 8, 1965, with attendance of 67.

The business session was based on preparing for Field Day. Also preparing for another XMTR Hunt. George WA4MRK found the hidden XMTR last month.

W4GUJ John, W4MYB Jesse, and K4PZW John had a lot of fun on our 2 meter band tracking down the Satellite; Bob K4PZW heard them coming out of the Satellite. Jesse W4MYB gave a nice talk last Sunday on the Florida Side Band Net. The topic was 'Tracking Down Oscar #1 and #2'.

The NORFARS had a large crowd at the Hamfest this year in Orlando.

The following are the frequencies for the San-Pellic DX-pedition. When operating their station in the foreign fone band, the operator will inform you as to where they are listening. There will be operation 24 hours a day on the band offering best propagation, and anyone really desiring a contact should be able to make it.

They will be there 7 to 8 days. QSL in GMT with self addressed stamped envelope to W4DQS, 928 Trinidad, Cocoa Beach, Florida. CE0XA starts April 20th.

SSB	CW
3795-97	3504
7095-97	7004-7009
14.125	14.015
21.397	21.015
28.650	

TAMPA

By Don-WA4CJG

Members of TARC were again active in lending assistance to the Tampa Police during the Gasparilla Parade. Those participating were: WA4LLU; WA4JMH; W4URX; WA4GDS and WA4CJG. Thanks from the Police Department for a job well done.

Don Fischer has been appointed by the Board of Directors to arrange another trip to Cape Kennedy as soon as possible. All of those who went last year to the Cape will never forget all of the things that were seen. This trip will include a trip through MILA (Merritt Island Launch Area) which is now under construction. It is hoped that this

trip can be arranged soon.

April 7, 1965, started the beginning of another Code Class for Novice Licenses. Time is 7:30 P.M. For the other members of the Club and others, a Theory Class, very similar to last year's class, will be conducted by K4HFF, Earl Miller. This class will be very beneficial to all and those who may be interested should contact President Marvin Bostian, WA4HDK, or Earl Miller, K4HFF. Telephone either 876-8746 or 877-1207 for further information.

The installation dinner was held March 15th. The guest speaker was Walter Hudson who is the inspiration to re-enact the flying boat "Benito". This flying boat made the first commercial flight on January 1, 1914. In his lecture and by his slides, he let us "Hams" know that other people have frustrations when building.

In a few months, the Club will have a completely new set of equipment for transmission and receiving. The membership voted to purchase SB-200, SB-400 to match the SB-300 now in operation. We are looking forward to the new equipment.

CONCH NET

By Jim, WA4TWD

Talk about a club what am, the Key West Club turned out 100% for our regular meeting on March 5th.

Doc, K4YRE, a very active member and also a Scout Leader, may have at long last solved our Club room location problem. We have our fingers crossed. We are very fortunate in having Naval Personnel in our club activities. They are veritable wheelhorses.

Congratulations are very much in order to Arnold, W4PSZ, who just made Chief Electronics Tech in the Navy. Doc, K4YRE, presented him a decorated cake at the meeting.

We don't really like to brag, but our booth was so successful at the County Fair that the Key West Jaycees have invited us to participate in their July 4th Activities at Old Mallory Square. And as usual, all Stations are ready to go. A good image with people of the Community is a very necessary part of our program.

Two Meter activity is booming locally now. Almost every station is either on the air or building. Don, WA4PJW, has finished his home brew rig successfully after several smoke trials.

Joe, WA4SQN, has really been bringing in the choice DX lately. Also Don, WA4PJW, has been quite busy on 10 Meters.

Also discussed at the meeting was a plan to start an advanced class in theory for benefit of general class operators preparator for the F.C.O. rules change now being anticipated. This class would be taught by Vic Jeter who is awaiting his general ticket and who is a specialist in instruction in the Navy. All operators were in agreement.

Notice my new call?

ST. PETERSBURG

By Cathy Seeds, W4BAV

The most important item of SPARC activities this month is their annual Hamfest, Sunday, May 16th, at Phillip Park, Safety Harbor, Fla. Bring your own picnic lunch, family and friends--join in the fun and possibly take home some of the "goodies".

Our heartfelt sympathy to W4OHJ-Jack, whose Mother, Mrs. Madge Greene, passed away.

The SKIP Award has certainly meant something extra special to W4RUR-Ed. A group of SPARC & VHF members gathered at Ed's QTH to present the SKIP Award and a SPARC service certificate. The next day it was found a strange event had occurred in that Ed's hearing had been restored in an ear he

had not heard in years. Ed calls it "the phenomena of being a celebrity".

As you read this, W4NOK/W42RMC-Jack and XYL, WA4NFA-Frankie will have returned to Ocean City, N.J., busy getting their hotel (The Breakers) ready for the Summer season.

The SPARC-GAP Net Control has been turned over to W4BAV-Cathy, with W4NOK-Jack assisting until he leaves for the Summer. This net meets every Wednesday, on 51.0MC, at 8 P.M. Jack's interesting programs will be missed and Cathy is looking for more alternates, any volunteers?

It was good to hear W4MSF-George again on 6-meters recently; however, his visit at home was not for long as he had to return to the Virgin Islands to oversee the construction job, which was held up due to the dock strike.

HARS

Ronald Griffith, WA4MKX

We have started a new code class and it is really going great. The class consists of 23 new members and 3 repeat members making a total of 26 who are all associate members of the club. The code is being taught by Roy Scott, W4UHF, and theory is being taught by Ray Murphy, W4BNE. We now have 107 paid members and we are still growing.

We are making good progress in our Hamfest planning. We promise that this Hamfest will be a very interesting one for you. Start making plans now to attend.

HARS is still working with Civil Defense. We recently had an emergency drill using the new Motorola transistor transceivers which CD just purchased. These stations are located all over the county and are manned 24 hours. We feel that we have a very fine emergency communications network and we are real proud of it.

We've been having some real fine programs over the past few months, such as; Mr. James Banton and his talk about his tiger hunt in India, for January. February, we had a fine demonstration of amateur TV, by Lou Bellavia, K4PDR. For March, we had a fine film called, "A WEEK IN OCTOBER". The program for this month will be just as good, if not better than before.

HARS now meets in its communications center in the heart of Suiphr Springs.

ORLANDO

By Hal, W4BKC

Hope you all had fun at the Orlando Hamfest. It gets bigger and better each year.

The Orlando Amateur Radio Club, Inc., gave cash prizes and ribbons to encourage exhibits in the communications category at the regional Junior and Senior High School, Science Fair. More detailed coverage will appear elsewhere in Skip. Won't say anything more here except to say it's a worthwhile project and may unearth a budding Marconi or DeForest -- the Public Relations aspect helps too.

Through the courtesy of the Local Civil Defense Office, the Communica-

tions Section now has a place for their exclusive use. It's the west side of the former Recreation Dep't. Building, just to the rear of the old C. D. Training School on North Parramore St.

Not much there at the present time (the former occupants even took the light bulbs) but the gang can scrounge, it won't be long before it will look real presentable. All donations of desks, chairs, filing cabinets, benches, floor lamps, etc., will be appreciated.

The Gals will probably supply the curtains for the windows. Ev.K4UIZ didn't remember to give "Cap" W4PTT credit for supplying the diagrams for the balun and two meter vertical beam, copies of which were included in the "Listening Post" distributed at the Hamfest. We will express our thanks rather belatedly.

Next event on the agenda is FIELD DAY -- more about that later.

K4ODS Is Top Scholar

DUNEDIN * Max Robinson, K4ODS, son of Mr. and Mrs. Clarence Robinson, 551 Lyndhurst, has made a 4.0 grade in electrical engineering at the University of Florida, the highest grade that can be made.

Max, who is blind, has been on the dean's list each year. He will graduate from the five year course in April and will go on to acquire his Master's Degree.

He is at home with his parents for the holidays.

Recommended Reading

SKIP would like to bring to your attention a very interesting story called: "Italy's Amazing Amateur Space Watchers", by J. D. Ratcliff, on page 110 of the April, 1965, READER'S DIGEST.

It tells of two young Italian brothers (both radio amateurs) who built a satellite tracking station out of U. S. surplus radio equipment and how they are able to listen in on the Russian and American space crafts. Amateur radio is mentioned several times in the article. Don't miss it!

RENEWAL POLICY

NOTICE ALL SKIP SUBSCRIBERS. Starting with Mar. issue, all expiration notices will be attached to the issue with which your subscription expires. Please return expiration slip with your remittance PROMPTLY if you wish to receive the following month's issue.

THANK YOU

Army MARS In Florida

By AD4IHH,
Ass't. Dir., Fla. 2

This is the second in a series of columns devoted to Army Mars program in Florida.

According to Headquarters, the response of members to the transistor booklet offer last month was very gratifying. So far, more than 350 members have purchased the booklets. The offer is still open, and for complete listing of the titles and prices see last month's issue of Florida Skip.

Arrangements are being made with the United States Army Signal Center and School to offer more such material for purchase by Mars members. When such material is made available, it will be announced in this column.

Members are reminded that Armed Forces Day this year falls on Saturday, 15 May. As in previous years, a two part program will be conducted. Part one consists of cross band contacts between the military stations operating on military frequencies, and amateur stations in the amateur bands. A special one-time QSL card will be sent to each amateur station contacted. Part two will consist of two messages from the Secretary of Defense. One sent by CW at 25 WPM, the other by RTTY at 60 WPM. A special certificate of merit signed by the Secretary of Defense will be awarded to each individual who submits a perfect copy of either or both messages. Details of the program, including frequency information, will be covered in the MAY issue of QST.

In case you missed last month's column, let me remind you that the Army Mars program is open to all amateurs holding a current and valid license, regardless of grade of license.

For more information on how you may benefit from Mars Membership, and how the program will benefit from your participation, contact W4HLO, if you live in the northern part of the state; and K4JJZ, in the southern part.



Recently at St. Cloud, these Florida SSB Ass'n. members got together for a gabfest: L to R: Dale, WA1NUR, FSBA Secretary and SKIP Correspondent; Ed, K4ADD; John, WA4BMG; Tom, K4TWU; and Russell, K4PGB. Listen for these guys on the FSBA meeting, Sundays at 5 P.M. on 3940kc.

(Photo by K4ADD)

No Spring Florida SET

Several amateurs have asked about the Spring Florida SET. Due to circumstances beyond the control of the Florida SEC's, there will be no Spring Florida SET this year.

What are these "circumstances?" W4MLE, SEC of W. Fla., and his XYL Mary Jane are the proud parents of a new baby girl. George is also snowed with the State Legislative sessions at the

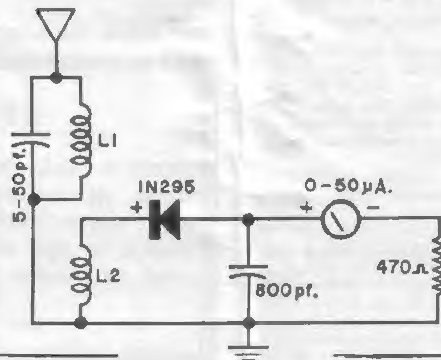
Capitol in Tallahassee. W4IYT and W4GGQ are awaiting the arrival of possibly another set of twins in late May or June. Need we say more?

Florida will participate fully in the National SET which is scheduled for the first part of October. All Emergency Coordinators will receive the SET info well in advance of the National SET from ARRL HQ.

FIELD-STRENGTH METER

THERE have been many circuits of field-strength meters published during the past few years. A recent issue of Westinghouse "Tech-Lit News" carried this very simple, signal-powered unit.

Coil L1 consists of 12 turns of #14 enamel-coated wire, wound on a 7/16-inch diameter form and L2 consists of 3 turns of stranded, insulated #14 wire, wound over the cold end of L1 and glued into position.



PROBLEM

INTERNET LIAISON

By WA4JYB

One of the biggest flaws in our Florida traffic system, both in normal and emergency times, is the lack of inter-net liaison. In an emergency, this liaison is supposed to be provided for by the Key Cities by means of VHF links. During normal communications periods, net managers and controls try to get stations that work more than one mode to act as liaison between nets. However, neither of these systems has yet worked efficiently or reliably. Why?

Well, in the case of Key City liaison plan, the problem is that this technique is not implemented in normal times. Thus, like anything else that is used only once or twice a year, it has deteriorated and become useless in emergencies. The problem with the individual operator liaison plan is that there just aren't enough multi-mode operators who have the extra time to spend in constant liaison work. You can already see what the logical solution is: forget about special-operator liaison and use the Key City liaison system both in emergency and non-emergency periods. This type of liaison would be specially effective for handling out-of-state

traffic going from the fone nets to CW and Florida traffic (to cities unrepresented on CW) from the CW nets to fone.

This liaison can be handled just like it should be handled in an emergency except that the regular Key Stations (many of which are installed at Civil Defense, Red Cross, etc.,) would not be used. What is required is for the traffic men (all modes) in each Key City (and others if possible) to get together, through a club or some other means, and work up some sort of liaison system between themselves. VHF or 10 meters is best, but lacking this, even the telephone is better than nothing (although, naturally, no traffic credit can be received for telephone relay). Once this has been done, the operators can let

Continued on Page 14

Dear Mabel Award

Concerning your certificate program for deserving XYL's, I would like to make a nomination. This person, in addition to taking the strains of keeping house for four children and a husband, has been able to withstand the maddening rat-race of cw sweepstakes and an active cw op on twenty

meters.

This XYL has sacrificed her brain and bleary-eyed person to be brainwashed by dits and dahs every night around 7 P.M. This deserving XYL has suffered the worries of husbands falling off of roofs in order to put up son's antennas and has had anxiety over what a member

of her family is doing up at 3 A.M. in the morning.

This most deserving woman is not my XYL, but is my mother! I am 14 and think that she has done well to survive my operating. I know this award is advertised for XYL's but if you would be kind enough to make an exception, I would be quite happy. (Her name is Joan Krasnow.) Thanks so much.

"Chip" Krasnow, K9IGR
River Forest, Ill.

FIELD DAY

Continued from Page 1

FD held; number of amateurs participating.

We have it on good authority that the Orlando ARC, champs for the past 5 years, are not going out to win this year, so be guided accordingly. Good luck to all!!

PATRONIZE OUR ADVERTISERS

'BUY FROM YOUR FELLOW AMATEUR' DEPARTMENT

FELLOW AMATEUR: Here are several firms that have an interest in **YOUR** business! They have seen fit to support the **FLORIDA SKIP** by giving us a little revenue each month in return for your support. If you have a need for the services listed, you can't possibly do better than to deal with a fellow amateur, now can you?

RES. PH. NE 3-8374
MOBILE & PL 7-1438



FT. LAUDERDALE
824-0140

K4ADD

EDWIN F. WHEELER
VICE PRESIDENT

691-2341
1025 E. 31st St.
MIALEAH, FLORIDA

SUNCOAST VHF CLUB

-W4WVO-

P. O. BOX 12185

ST. PETERSBURG, FLA. 33733

50.7 Calling Freq. & Thurs. 8 PM Net.
Meet 2nd Fri. 8 PM Co. C. D. Hq.

Service on all makes TV Phone 955-7161

W4GJO

RCA-Victor Satchell-Carlson Zenith TV

SALES & SERVICE

COLOR TV SPECIALISTS

TEL-APPLIANCE CENTER, INC.

ANSEL E. GRIDLEY 1966 Hillview Street
President Sarasota, Florida



Broward

Amateur Radio Club, Inc.

MEETS SECOND WEDNESDAY OF MONTH

ALL AMATEURS INVITED TO ATTEND

CLUB MEETINGS HELD AT -

BROWARD NATIONAL BANK BLDG.

AFFILIATED WITH ARRL - AREC - CD -

W4AB-

ROLEX

the 25-jewel superlative chronometer, with 24-hr. hand, movable 24-hr. bezel and automatic calendar. Write for free brochure

CAMERON MAGNON, W4UEA

Adams-Magnon Jewelers, Inc.

510 Franklin Street, Tampa, Florida 33602

G.M.T.
MASTER

W4IAD

Specials on Foreign Tape Recorders,
Radios, Hi-Fi - Stereo Equipment
Parts - Service

SAFS, INC.

AUTHORIZED FACTORY SERVICE

"Hi Fidelity Engineers"

1507 GRAND CENTRAL AVE.
TAMPA 6, FLORIDA
PHONE 253-3228

HYMAN LEBBIN



YUKON 9-2200

STUART MEYER

W2GHK - W2GHK/4

PRESIDENT

HAMMARLUND MANUFACTURING COMPANY

A GIANNINI SCIENTIFIC COMPANY

73-88 Hammarlund Dr.

Mars Hill, N. C.



PHONE 442 - 5396

K40FI

JENKINS SUPPLY COMPANY
"New and Used Ham Supplies"

1686 Clearwater - Largo Road
Clearwater, Florida

DADE RADIO CLUB, INC.

W4NVU

Sponsor of The Tropical Hamboree

- MEETINGS -

1st & 3rd Tuesday Each Month

At Museum of Science and Natural History

3280 S. Miami Avenue

MIAMI, FLORIDA

MUTUAL & STOCK
COMPANIES

W4NUR



FRED HOEHN INSURANCE & REALTY

FIRE - WIND - AUTO - GENERAL INSURANCE
SAVINGS UP TO 30%

10207 N.W. 7th Avenue, Miami, Florida
Phone: 754 - 3441



OFFICE: 377-8333
RESIDENCE: FRANKLIN 9-2397

WA4BAL

ROBERT E. INSCHO

Representative

METROPOLITAN LIFE INSURANCE CO.
14 N.E. 1st Avenue, Penthouse: 15th Floor
Miami, Florida 33132

COL. "AL" MARGY, W4ID

U.S. Army Ret.

461 - 3rd Avenue, Sea Park
Eau Gallie, Florida

AMATEUR RADIO PUBLICATION

Collector and Historian



**SOUTHEAST
ELECTRONICS**

RAY LARUE
W4BYG

Office 356-3007
Home 388-0267

1125 Rosselle St.
Jacksonville, Fla.

**FLORIDA'S
AMATEUR RADIO PUBLICATION
P. O. Box 501
MIAMI SPRINGS, FLORIDA 33166**

Florida All County Relay



This is a new certificate hunters contest sponsored by FLORIDA SKIP, and open to all licensed amateurs, world-wide, whether members of Florida Skip or not. This contest is open to the following bands only. 10, 6, 2, and up, on any mode, or combination thereof.

PURPOSE

The purpose is to award conscientious workers for their efforts in using the Higher Frequencies. To relieve HF band congestion on 80, 40, 20, and 15. To relay inter-county traffic. To conduct local and inter-county rag-chews. In short, to occupy and use for our own enjoyment (before CB moves in) a whole lot of wide open space in the spectrum that we might be in danger of losing. This is the lower end of the 10 meter band, especially at night time, the upper six meter band, and just about all the two meter band, except the net frequencies.

CONTEST

The contest started January 1st, 1962, and will run continuously. No QSL cards are necessary. This is something different. You must only exchange messages in standard ARRL form. Message may contain any question requiring a reasonable answer.

Certificates will be awarded upon receipt of messages from your first five (5) counties. Endorsement stickers will be awarded in groups of five. So, after receiving your certificate, hold all additional messages until you are eligible for five new Florida Counties endorsement sticker.

TO QUALIFY

To qualify for each county it is only necessary to mail Florida Skip two (2) messages. One, your message addressed to the station in that county asking a question. Two, your message received

from the station in that county, containing the answer. These messages may be relayed through as many stations as are necessary as long as they operate in the same band. Each message shall bear a number, station of origin, check count, place of origin, time field, date, and approximate frequency, with all station calls involved.

Example #1: K4PPX de W4RMU (I have a contest message) Nr. 1 — W4RMU — Ck 8 (from) Jacksonville — (time) 2230 EST — (date) Jan 1 — 28002 kc — To K4PPX, Hollywood Fla. (Text of the message) How are skip conditions on ten tonight question (Signature) Allen.

Example #2: W4RMU de K4PPX (QSL Nr. 1) (Here is my msg) Nr. 49 — W4PPX — ck 7 — (from) Hollywood — (time) 2235 EST — (date) Jan 1 — 28002 kc — To W4RMU, Jacksonville, Fla. (Text of the message) Skip conditions are rough on ten tonight (Signature) Fran.

PLEDGE

A pledge will be requested to increase the prestige of this contest. You will find this pledge inscribed on your certificate with space for your signature. This will read, "I will always listen on the frequency before transmitting. Will never lay claim to any frequency for personal benefit. Will never endorse the thought, 'I Was Here First,' signed —."

RELAY ALL FLORIDA

When you have received your certificate with all 67 Florida Counties properly endorsed, you will be duly knighted into the Royal Order RAF-67. A handsome plaque from FLORIDA SKIP will be presented to the first five operators who qualify "RAF-67" in 1962. Your name, call, and accomplishment will be engraved on the Relay All Florida plaque.

Progress of the leading sta-

tions will be listed each month in our "RAF" column, conducted by your contest Editor. All messages will become the property of Florida Skip and will not be returned. Further, we request permission to use these messages to attest actual band occupancy. It is suggested that relay stations refrain from mailing contest messages to their destinations as this would void same. This contest will run continuously for years to come. Let's get busy and Relay All Florida. Mail your entries to Florida Skip, Contest Editor, P. O. Box 501, Miami Springs, Florida 33166.

You CAN ALSO WORK DX!

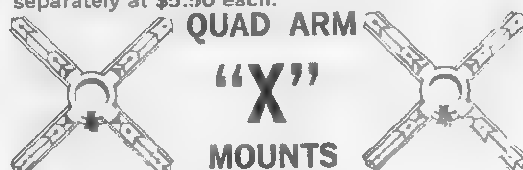
when you install a



FIBERGLASS QUAD ARMS

First time ever offered at this unbelievable price. More than 2 years in R. & D. These full length mandrel processed reinforced Fiberglass arms are practically indestructible in application. Cross arms are reinforced at base and wire intercept points. Give your Quad a professional look with high reliability.

13 ft. Long. These Quad Arms can be purchased separately at \$5.50 each.



These rigid die cast mounts are poured from a special aluminum alloy bullion with low deterioration and fatigue factor. 2 in. hub diameter. Special "V" angle will handle any diameter quad arm from 1 in. to 1 3/4 in. O.D. Comes complete with all necessary hardware.

Separately, \$5.95 each

BOOM TO MAST "T" MOUNT

Die cast to true fit a 2 in. O.D. boom to a 1 1/2 in. O.D. steel mast such as popular T. V. mast. Complete with hardware.



Separately, \$4.95 each

COMPLETE KIT PRICE

CONTENTS

- 8 Fiberglass Arms
- 2 Quad Arm "X" Mounts
- 1 Boom to Mast "T" Mount
- 1 Instruction Manual
- Designs by W8FYR — W4WSM

FOB Miami, Florida

\$59.95

UNITED STATES FIBERGLASS CO.
5101 N.W. 36 Avenue Miami, Florida

Phone (Area 305) 635-5353



SCM's CORNER

E/F

By Albert L. Hamel
K4SJH SCM EFLA

With all of the ruckus that has been created of late, first by RM-499, and second by the FCC latest proposal along similar lines, plus torrid comments on a regular basis from a couple of other fellows who consider themselves very well qualified to "lower the boom" on ARRL in general, it seems like a good time to do a little selling.

You have, no doubt, heard several probably well-intentioned but rather mouthy fellows sounding off on the air with that aura of "I have the inside dope" and, in some cases you have probably been impressed enough to swallow what they were saying either whole or in part without question. Haven't you ever asked yourself how come this fellow knows so much about said subject and you don't and not because you haven't been keeping your eyes open either?

Well, next time someone brings up a subject, for instance, about ARRL organization and administrative procedure, or perhaps, expounds at length about "how them fellers up there in Yankee-land are robbin' us blind", etc., etc., why not be just a little prepared to ask him a few well-directed questions -- just to test him -- sort of. Let's find out if he does know what he is talking about -- his sources of information, for example. A few pointed questions from you might reveal how little he really knows about what makes our ARRL tick. Does he know that ARRL is licensed under the corporate laws of the State of Conn.? Does he know what this means -- what it entails?

You can become a fountain of knowledge on the above subjects that are now being so freely discussed, by simply dropping a postcard to ARRL requesting that you be furnished ASAP one copy of the Articles and By-Laws of ARRL. Perhaps for a few

1215 to 1300 M.C. Band

By
WALT STOCK
W4IIS

This is a follow up note on progress on the pioneer band, 1215 to 1300 MC., as previously reported in Florida SKIP. K4UGC and W4IIS are still working 100% QSO'S S9 plus. Both stations are located in Miami Shores, Florida.

K4OCK in the SW section is looking forward to contacting K4UGC and W4IIS. Jack is using a 64 element Colinear antenna.

W4PWC -- Bob is expected on the band soon. He is about 50% finished on his APX-6.

The above stations are looking forward to other interested UHF -er's getting on the band.

Contact any of the above for information. This is a real fine QRM, QRN free band.

Antennas are very small. The writer is using a reflector type with a dipole. The dipole measures 4-1/4" long and the reflector is 18" x 18". This dipole will be used in a parabolic in the future. More Later.

73,

Walt W4IIS, Miami

Three Publications

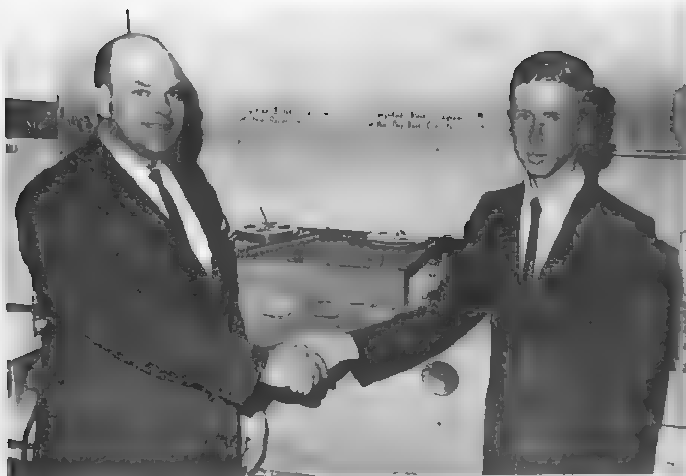
You may be interested to know that three amateur radio publications are now being published and mailed from Miami, Florida.

1. DX BULLETIN, Editor Chuck Bolvin, W4LVV;
2. INTERNATIONAL SSBERS VOICE, Editor V. Mayree Tallman, K4ICA;
3. FLORIDA SKIP, Editor A. Clark, W4IYT.

All three are very good friends and are working together for a better amateur radio service.

cents, you could even get a copy of the correct section of the Conn. Corporate Laws that pertain to ARRL. If you are going to plant, prepare the ground first.

73.



Congratulations go to Dale Heatherington of Maynard Evans High School in Orlando, for winning First Place blue ribbon and \$25.00 for his exhibit at the Orange County Regional Junior and Senior High Schools Science Fair. Wes Gardner, K4KRG, President of OARC, made the award. See ORLANDO ARC AWARDS elsewhere. (photo via K4UIZ)

MAYDAY ON TWENTY

Saturday evening, April 3rd, Amateur radio operators picked up a Mayday call from W6SGW/mm on the 38 foot yawl Seaway. The yawl had lost its engine due to cooling problems and could not set enough sail to make headway in rough waters off the coast of Lower California.

Oscar, the amateur on board, had only a transistorized SSB rig and an all band battery receiver, and with no power had to use short scheduled transmissions to conserve his batteries. Many amateurs were very helpful in clearing the frequency,

FCC PROPOSES

Continued from Page 1

solely because of failure to upgrade his license class.

The Commission calls particular attention to the Extra Class license, seeking comment on the desirability of its continuance, whether the proposed privileges are appropriate to the present or anticipated number of licensees, etc.

Copies of the Docket proposal were sent direct to all ARRL affiliated clubs, with the request that they study the proposals and then express their views. The text will also appear in May QST, with a similar appeal to members.

(J. HUNTOON - ARRL)

14.328, and maintaining contact with the Seaway through Sunday and Monday.

With assistance from F.C.C. tracking stations, the Mexican Government, and the Coast Guard, the Seaway was located and towed to safety. A Coast Guard amphibian, CG 2123, spotted the yawl and led a Mexican gun boat to the scene. At 6 PM Monday evening, the emergency net was secured.

Some of the primary stations involved were WA2RGR, W6MLZ, K6GJZ, XE1AX and many more. Cooperation was excellent, and all the stations did a remarkable job. This speaks very well for the public service often rendered by amateur radio operators everywhere.

Layton N. Ruse, W4VBQ,
2131 S.W. 62nd Avenue,
Miami, Florida 33155.

Letter To Editor

Dear Andy:

My renewal for "SKIP" comes up in June, and I will see to it that you receive my two bucks. I would not want to miss a single issue after many months of reading "SKIP". You are doing a fine job, Andy, and I hope that you will continue this fine work so that the amateurs within the State of Florida will be informed of all the vital happenings which concern the whole fraternity of Amateur Radio.

My very best wishes to you, Andy, and to the continued success of "Florida Skip".

73,
Brian L. Felps, K4NAN.

**PATRONIZE
OUR
ADVERTISERS!**

Learn C.W. Net Operation

(Editor's Note: We are happy to present a series of articles by top-notch C W operator and route manager for Eastern Florida Section, Charles W. Hennessey W4LUV of Orlando, Florida. If you have ever wanted to check into a C W Net, here is your chance to learn how it is done. Read the following carefully and give it a try. We feel sure it will be a new and exciting experience for you in Amateur Radio.

Have you ever had the urge to join a traffic net? If you have, and you work CW, you probably listened once or twice to QFN, the all-Florida CW traffic net, and had one of the following typical experiences:

1. You were completely "snowed" - the net went a bit too fast for you, and what little you did copy didn't make sense, so you never TRIED to call in.
2. You got up the courage to call in, but you lost the net, or the net lost you, or the NCS ignored you, or forgot about you, or there didn't seem to be anything for you to do - so you thought - and you got discouraged and gave it up as a bad job.
3. Or you called in, and for various good reasons found that QFN was your cup of tea, and you are now one of the 35 stations that QNI (report into net) at least once a week.

If you are in group 3 you already know the joys and jublations - as well as the trials and tribulations - of handling traffic on CW. You enjoy the camaraderie of a fine group of "real hams" (in the best sense of those ambiguous words), and you take pride in the constant improvement your own operating ability shows as a result of your contributions to QFN.

If, on the other hand, you fit into one of the first two groups, but would LIKE to be in group 3, perhaps you'll find something in this series of articles that will smooth over what is admittedly a rough road to enjoyment of one of the most satisfying of all amateur radio activities.

The first thing you must realize is that good CW traffic men, like Rome, are not built in a day. The most impressive ops you hear on QFN or any other net were once in the same stage of learning that you're in now. There is nothing whatsoever wrong with being a beginner. The main idea is to start from where you are, work with what you've got, and steadily progress until you make that monthly list in QST of hams who have nothing more to learn: Silent Keys.

What constitutes a good beginning? Well, here's what you should have for QFN:

Code speed: 15 w.p.m. or better copying ability.

Receiver: sharp enough to cut down QRM and QRN, sensitive enough to enable you to copy most of the stations on the net.

Transmitter: 50 watts or so will get you on, but more is better. Your rig should be equipped for break-in operation and zero-beat (more on this later).

With pencil and paper and a few other convenient aides, you're ALMOST ready to QNI QFN.

BEFORE YOU QNI

Before you actually QNI, there are a few things you can do to make that first net session go relatively easy for you. The first thing is a special application of amateur radio's golden rule: listen before you transmit. Listen to a few sessions (daily, 6:30 and 10:00 pm EST, 3651 kc) of QFN.

(QSY Page 14)

Florida Midday Traffic Net

W4SDR

Due to the deterioration of noon-time signals on 3,945 mc., members of FMTN are keeping a close watch on our old stomping ground around 7.23 mc. Observations to date are not conclusive, so no plans to move are being made at present. We appreciate the many propagation reports received.

We regret the withdrawal of Jim K4BY from FMTN

due to equipment deficiencies, and hope he can rejoin us in the future. We also miss Chet WA4LRW who is battling antenna troubles. Senor Charlie W4AKB and Dan K4ILB sound mighty good on their SSB rigs.

FMTN is completely integrated and AM, SSB and CW stations are welcome. Sandy at W4DFU has been using a SSB transceiver since the Engineers Fair and bemoans the day it has to be returned and the ole' 32V2 comes out of drydock. Maybe he'll forget where he left it, Sandy.

FMTN handled 619 messages in March during 27 sessions with an average of 19 stations reporting. The net is to be complimented on its improvement in "on frequency" operation. The frequency of the net control station is the net frequency at that time, so keep your VFO zero beat with him.

DCARPSC Exhibition Station

On March 20, the Dade County Amateur Radio Public Service Corps set up an exhibition station at the Northside Shopping Center in cooperation with the American Red Cross.

Two stations were set up: one of 2 meters for liaison and clearing of traffic, and one on 20 meter side-band for exhibition purposes. Also used were a number of free magazine reprints about amateur radio and other hand-out literature. Found to be especially effective was a display of 8" x 10" pictures showing various shacks and scenes depicting amateur radio. Any other groups considering such an exhibition station should be sure to make up such a picture display.

Participating in this exhibition were WA4DHU, W4EDP, W4ELP, W4YIT, WA4JYB, WA4KIL, WA4MKD, WA4WUD, and others.

Amateur Radio News Service

The Amateur Radio News Service is a brand new organization of amateur club paper editors, public relations experts, etc. which is in the process of being formed. A brochure was mailed in mid-February to many of the editors and PR people, but there is a possibility that along the line someone might have been missed.

If you have not received the brochure, please request a copy as soon as possible from the acting "Secretary" Mrs. Helen Brick, 821 W. Lindley Ave., Philadelphia, Pa. 19141.

ARNS published its first "bulletin" in April and it is a beauty. Full of very interesting inside information that will not be found in any other amateur radio publication. Congratulations on a real nice job.

NOTICE-

Phone Patchers

Bills have been introduced into several state legislatures, apparently prompted by the telephone companies, providing penalties for fraudulent attachments, such as a device to jam the automatic billing system for long-distance direct dial calls. This is a matter of some concern to us in the event any such adopted legislation might erroneously be construed to apply to amateur "phone patches," however uncertain their legal status under tariff provisions. A bill in the Wyoming Legislature was side-tracked through prompt action by alert local League officials; there is another under consideration in Colorado, also in good hands; and I believe one in Indiana.

It would be well to alert your assistants or clubs in capital cities to be on the lookout for such legislative proposals. Should they appear, please contact General Counsel Booth. He is, at the moment, attempting to clarify this matter at the national level, but would be prepared to provide interim advice on specific situations.

(J. Huntoon - ARRL)

FLORIDA SKIP
TRAFFIC MEN!
NOW HEAR THIS....
We have
a new supply of
HIGH QUALITY PAPER
MESSAGE BLANKS
PRINTED GREEN ON WHITE
100 BLANKS TO A PAD
PACKED AND SHIPPED POSTPAID
2 PADS FOR \$1.00
ORDER TODAY!
NEW PRIORITY BOX
FLORIDA SKIP
THE ALL FLORIDA RADIO
AMATEUR'S PUBLICATION
P.O. BOX 3072
MIAMI SPRINGS, FLA.

CALL "E. E." FIRST

EVERYTHING IN ELECTRONICS!

You Name It... In Electronic Equipment,
And We Have It... When you Need It!
Just pick up the Phone and Dial. We're
quick as a wink on delivery... and
Electronic Equipment is privileged to
serve.

... Just... Call "E. E." FIRST



ELECTRONIC EQUIPMENT
COMPANY, INC.
AVIONIC DIVISION

2701 N.W. 42 AVE. • MIAMI • NE 5-0421

Factory Distributors of

- SWITCHES
- RHEOSTATS
- CONNECTORS
- CIRCUIT BREAKERS
- INDICATOR LIGHTS
- CAPACITORS
- RESISTORS
- COAXIAL CABLES
- LAMPS
- RELAYS
- TUBES
- WIRE

2912 Atlantic Ave., Brooklyn, N.Y.
Taylor 7-6300
918 Orange Ave., Winter Park, Fla.
644-4833

Zero Beat or Dead Beat ?

So much has been written and so much "harping" has been done on this subject that I fear, if this should find its way into print, I had better lock myself inside the shack to avoid being shot! However, it is a timely subject now and probably always will be. Zero beating in a net is not only desirable at all times but, under certain conditions, it is a must. It is one of the attributes of good operating and, of course, we all aspire to be good operators. It is of little benefit to be a 35 WPM speed artist if we are going to mess up our operating in other ways!

It has been noted that the higher the net, the better the QNZ gets. In section nets, there may be as much as 2 KC between the highest and lowest station. In the regional nets, this usually is cut down to a fraction of a KC, and in the area nets, except for differences in the character of the signals, it is sometimes hard to tell one from the other as they are all so close to the exact same frequency.

It appears to this writer that some operators, even some of the old timers, do not understand just how to make sure their signals are zeroed with another. On one net, for example, we have a member who is always about 1 KC higher than the NCS. This operator uses a side band rig on CW and apparently uses the same technique for coming to the desired frequency as is done on SSB. This won't necessarily work. On SSB, you tune for readability of the other signal and then zero your transmitter to that frequency. Actually, when you then transmit, SSB transmitters are so designed that the zero point of the signal is moved slightly to one side or the other, either up or down depending upon (QSY Page 16)

INTERNET LIAISON

Continued from Page 8

the net managers and net controls know that they have reliable liaison to nets B, C, and D, and the traffic can start moving. Practically all Key Cities have regular ops on all the traffic nets so such a system is feasible. The point to remember is that it isn't necessary for any operator to work more than one traffic net -- just as long as there are people on the other nets in the same town.

Possibly net managers will want to sophisticate such a system by assigning liaison duties to Key Cities for each day of the week. Let's get going.

Attention, Broward

I would appreciate it very much if you would make a note that my call has been changed from K4LJS, formerly Ft. Lauderdale; to W1CDT, up here in Maine. I expect to be up here for a while and would like my friends in the BARC to take note of my new call and would like contacts on SSB and CW on all bands. Have a Drake TR-3 and TA-33 Jr. beam as well as a vertical antenna. 73 and good luck, Ed Wheeler, W1CDT P. O. Box 88 East Machias, Maine 04630.

Top Twenty Traffic Takers

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month. For March 1965:

1. W4DFU BPL 1029	11. WA4LHK 190
2. K4VFX BPL 935	12. K4BY 188
3. WA4BMC BPL 687	13. WA4OAO BPL 177
4. W4KIS BPL 662	14. W4BVE 170
5. W4TFL BPL 512	15. WA4JH 158
6. K4YSN 412	16. K4SJH 149
7. WA1AFP/4 BPL 332	17. K4COO 148
8. WA4NEV BPL 301	18. WA4CIQ 136
9. WA4VZD BPL 256	19. WA4IWO 125
10. WA4BAW 207	20. WA4BGW/4 118

LEARN C.W. NET OPERATION From Page 12

See if you can follow the NCS's directions. After you've listened to a few sessions you've got a good idea of what your problems will be. Now you're ready to do your homework.

Your first assignment is to get and read the following ARRL publications:

Operating Aides nos. 2, 4, and 9.

Operating an Amateur Radio Station.

The operating aides are handy file card size lists of "Q" signals, time conversion tables, and a few other useful bits of reference material. If you've got a real good memory you can try memorizing all this information, but if you're like most of us you'll learn the "Q" signals and procedures better after you've heard them in use or after you've used them yourself.

Most of the essential abbreviations and procedures for traffic handling are in chapters V to VII of "Operating An Amateur Radio Station." Here's where you'll find most of the Q signals and abbreviations you hear on QFN. (this booklet will be superseded by "The Radio Amateur Operator's Manual" prepared by QFN member Geo. Thurston, W4MLE, tentative publication date: Fall '65).

Your second assignment is to read George Hart's articles in QST for October, November, and December, 1964, especially that bit in the December (p. 46) on traffic nets. QFN procedures agree with most of WINJM's fine orientation; the few unimportant exceptions will be treated later in this series. (Part II next month)

If you look like your passport photo, you aren't well enough to travel.

The "rush hour" is that time of day when a motorist

travels the shortest distance in the longest time.

Be glad you have passed age 40; women are still interested in you, but the Army isn't.

FLORIDA ARPSC NETS

FLORIDA PHONE TRAFFIC NET -- Daily, except Sunday, 3945 kc, 1200GMT.

GATOR NET (C.W.) -- Daily, 3651 kc, 1330GMT.

FLORIDA MIDDAY TRAFFIC NET -- Daily, except Sunday, 3945 kc, 1700GMT.

TROPICAL PHONE TRAFFIC NET -- Daily, 3945 kc, 2200 GMT.

QFN ALL FLORIDA CW NET -- Daily, 3651 kc, 2330 and 0300GMT.

FLORIDA "FAST" SSB NET -- Daily, 3940 kc, 2400GMT Sunday, 2300GMT.

WEST FLORIDA PHONE NET -- Daily, 3836 kc, 2200GMT. FLA. RTTY NET, SUN. 1600GMT on 3700 kc.

ARPSC NET TOTALS

NET	QNI	QTC	SESSIONS	TFC AVG
FAST	739	334	27	12.4
GATOR	258	134	31	4.3
WPTN	628	200	31	6.45
FPTN	145	300	27	11.1
FMTN	516	619	27	23.0
TPTN	640	170	31	5.5
VHFTN	356	215	31	7.0
QFN	718	615	62	9.92

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any items listed in this column.

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip, limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

CLASSIFIED AND COMMERCIAL ADVERTISING RATES:

To Licensed Amateurs: Buy, Swap, Sell (non-commercial)-Free.
To Commercial Business: Classified, undisplayed — 50¢ per line; Illustrative or General Display with border — \$3.50 min., \$80/page; Initial cost of cuts, additional. Cuts furnished, no charge.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns—40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Drake 2B and 2BQ-Mult, Mint condition, \$225.00; Heath DX 35 with 6 crystals, \$35.00; Turner 254C mike, never used, \$10.00. FOB St. Petersburg, Fla. Paul J. Kortsch WA4VWL, 3836 Central Ave., St. Petersburg, Fla. Fone 862-2964, days; or 894-0933, nights.

WANTED: Speech amp BC-614, Write George Bozone, K4KGB, 308 So. Fed. Hwy., Stuart, Fla., Fone 287-2008.

FOR SALE: Collins 51J3/R399, \$425; HT-37, \$235; General Radio 916A RF bridge, \$195; frequency standard components, PRD 504, \$75; Rollier-Smith multi-range AC ohmmeter, \$50; dial telephone set, \$4; Hewlett-Packard 540 UHF transfer oscillator for use with 524 class of digital frequency meter, \$125; H - P 400C AF voltmeter, \$80; Simpson multimeters. Fred G. Schmidt, W4NYF, 405 NW 30 Terr., Ft. Lauderdale, Fla. 33311, Fone LU 3-1340.

FOR SALE: Hallicrafters SX 101 Mark IIIA receiver, Central Electronics 20A with VFO, \$250.00. Will consider selling pieces separately. H. E. Cudney W4AKNA, 1541 NE 11th St., Homestead, Fla. Fone 246-1712.

FOR SALE: Heath receiver Model HR-10 in like new condition. The first check for \$45.00 takes it. K4DJW, Moe Stabin, 1138 SW 74th Court, Miami, Fla., Fone 226-3332.

FOR SALE: Knight R-55 receiver with manual. Make an offer. David Shalloway, WA4JYB, 18801 NE 21st Ave., North Miami Beach, Fla., 33162, Fone W1 7-4177.

FOR SALE: 6 BC-456B modulators, \$2.00 each; tubes: 5-6146, \$1.50 ea., 4-5R4GY, \$.75 ea., 3-810, \$1.50 ea.

FOR SALE: 6 BC-456B modulators, \$2.00 each; tubes: 5-6146, \$1.50 ea.; 4-5R4GY, \$.75 ea.; 3-810, \$1.50 ea.; 2-4-235A, \$2.50 ea.; 2-4-250A, \$5.00 ea.; 3V4, 50C5, 5U4GB, \$.50 ea.; 35Z5, 35W4, 5Y3, \$.40 ea. All items plus postage. G. H. George W4PJU, 504 E. Osceola Ave., Clewiston, Fla. 33440.

WANTED: Model 15 RTTY printer, also Heath Twoer. J. H. Straub, W4FGN, P. O. Box 187, Geneva, Fla.

TELETYPE: Sell FXPD, Model 15, Model 18, 14 typing reperforator, 14 transmitter-distributor. Paper spindles, \$2. Wanted: -- tape containers and lids, tape feed out levers, motor fans needed. What do you have to see? My list for yours. Keytop deal: send me any 50 communications type and receive a complete set. No weather or fractions. New for new and used for used. Fred G. Schmidt, W4NYF, 405 NW 30 Terr., Ft. Lauderdale, Fla. 33311, Fone LU 3-1340.

FOR SALE: Hy-Gain 20 meter beam, DX long John model 204 B new in factory box. The amateur net price of this beam is \$350.00, will sell it for \$200.00. Wiley Gilkison W4WSJ, 1830 No. 46th Ave., Hollywood, Fla., Fone 987-6724, nights; day, FR 4-4101.

WANTED: Pair of two meter transmitters, SSB transmitters or transceivers. Must be commercially manufactured, in good condition and cheap for cash. Jim Dillman K4USK, P. O. Box 4159, St. Petersburg, Fla. 33731.

FOR SALE: Two meter-Gonset #2 Communicator, perfect condition, \$100.00. Gil Wolfe W4ETQ, P. O. Box 395, Miami Shores, Fla. 33153, Fone PL 1-0355.

WANTED: Johnson VFO, in good condition. Write G. F. Edmonston K3WFM, RD. 1, Ridge Road, Hatrona Heights, Pa.

FOR SALE: Heath HW-12 with HF-13 dc supply. Excellent condition, first \$125 gets it. Will ship. Dick Lamberston, W4WEB, 143 Westcott Circle, Port St. Joe, Florida.

WANTED: Collins Noise Blanker 136B-2. Please state price, must be in good condition. H. L. Fishel W4CQZ, Box 759, Ft. Myers, Fla. 33802.

FOR SALE: NC-270, very clean and working fine, 100KC calibrator, instruction book, good buy at \$120.00. Bill Passano, K4ES, 3200 NW 79th St., Miami, Fla. Fone 696-4007.

MAGAZINES FOR SALE: Electronics - 1930 to date (complete) \$250; Control Engineering - 1954 to date (complete) \$50; RTTY (complete) \$60; long solid runs of IRE Proceedings, Tele-Tech, Electronics World, Radio-Electronics, and others, also many books. Send for list. Fred Schmidt, W4NYF, 405 NW 30 Terr., Ft. Lauderdale, Fla. 33311, Fone LU 3-1340.

FOR SALE: SSB station - 20A exciter, with QTI, BC 458 VFO, \$250; Central Electronics 600L Broadband Linera, \$200; SX 101A with matching spkr, \$250; HyGain TH4 beam, \$50; will sell separately as listed, or all for \$600. Pair Finco A62 (6&2 meter) beams, @ \$25 each, or will include stack bars and 52 ohm balun to buyer of both. Instruction manuals included for all above. Art Raynor, K4GOX, 2180 East Mann Road, Bartow, Fla., Fone 533-5395, after 6.

FOR SALE: HT 18 Hallicrafters exciter transmitter, VFO covering 80-10 meters. May be operated CW, NEFM 10 watts input on input on internal VFO or xtals, \$32.50 with manual. Joe Turrentine, K4YHL, 8708 Hammer Ave., Tampa, Fla. Fone 932-6031, after 6.

FOR SALE: SX-101 Mark III receiver, from equipment of the late K4IYJ. Any reasonable offer considered seriously. Frank W. Gamblin, 1473 Spruce Aave., Tallahassee, Fla.

FOR SALE: HT-41 Linear with pr spare final tubes, \$249.00; 5" oscilloscope, \$15.00; SX-100, \$250.00. Gene Blake, K4OHR, 1806 Gibbs Drive, Tallahassee, Fla.

TRADE OR SELL: Gonset Linear Amplifier GSB-101, best offer, excellent condition. Robert Sanders, K4JMR, 580 NW 194 Terr., Miami, Fla. 33169, Fone 621-2125.

FOR SALE: Complete station, ordered to Spain and must go QRT. Gonset GSB 100, \$225; HQ-170C, \$215; KW homebrew pr 813 in GG, \$150; Heath SWR bridge, \$10; 40' Trix crank up tower, \$80; Ham-M rotor, \$70; TA-33 beam, \$65; prefer package deal, \$795; and will throw in BC 779 Super Pro modified for SSB, phone patch, desk with antennas with coax for 75-40M. B. A. Gaudry W4UBN, 5274 Quan Drive, Jacksonville, Fla., Fone 387-6836.

FOR SALE: Viking Ranger factory wired, with manual, mike and key, \$150.00. Collins 75A2, manual, clean and hot, \$200.00. AF-67 mobile rack holder, \$2.00. Heath Cheyenne MT-1, 80-10, 90 watts, manual, very clean and new 6146, \$70.00. Heath matching power supply UT-1, \$9.00. Pierson-Holt mobile receiver, all amateur bands, CW SSB and AM, \$75.00. AC supply for PIERSON, \$15.00. DC 6/12 volt supply, \$8.00. Have new manual for all three units. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs, Fla. 33166, Phone 888-3874.

WANTED: Commerical high band 150 mc two-way mobile unit. Truck mount, 12 vdc with all cables. Prefer Motorola type 41V or 43G unit but will consider other comparable. To be used in RACES system in Pinellas Co. John McIntire WA4LYW, 3215 San Mateo St., Clearwater, Fla., Phone 726-3448.

WANTED: Back issues of QST and CQ from about 1955 thru 1959. Would like complete years but not necessary. Ed Kane K4MAS, 621 SW 44th Court, Miami, Fla., HI 3-4348.

Continued on Page 16
FLORIDA SKIP, May 1965 15

BIG HAM SALE!

OPEN ALL DAY SATURDAY

Conducted tour of the whole shebang for out-of-town visitors

Two floors of GOODIES to please the heart of the Build-it-yourself Ham & Hams what am.

Rare Microwave Test Equipment, Military Surplus - the use of which we have no idea...

Tons of Gadgets too difficult to define

COME ONE - COME ALL - WE HAVE IT! - IT'S YOURS!



The Ham Shack

2211 N.W. 36th STREET

NE 5-0378

MIAMI, FLORIDA

ZERO BEAT OR DEAD BEAT?

Continued from Page 14

which side band is being used, so that you are heard where you want to be heard. On CW, your signal comes out at the zero point without any shift and you must tune accordingly.

One of the most commonly used methods of zero beating is to tune the receiver to the zero point of the incoming signal and then zero the VFO to the same point. The disadvantage of this method is that the local VFO signal is usually strong enough to cause a rather wide spot on the dial where no signal is heard. The actual frequency of the VFO may thus be several hundred cycles off of the incoming signal. The best way to make sure you are on the same frequency with another station is to tune the VFO so that it produces the same pitch in the receiver as the other signal. Be sure, when doing this, that you are on the same side of zero as he is - that is, if you retune the receiver so that the pitch of the incoming signal changes, a similar change will be produced in your own signal. This will insure being on the same side of zero beat.

Some say they can't zero because their receivers are too broad, or they are blocked out by their own signal. Such conditions can prevail but they can be overcome in one way or another, depending on conditions. If the receiver blocks, try taking the antenna off the receiver or shorting it out. Or, it might be possible to do something to cut down on the transmitter output when zeroing. At any rate, it is worth the effort to work out some solution.

Some operators have no trouble zero beating the NCS but due to drift as their rigs warm up, they will be off frequency after a short time of operation. If you have this condition, recheck your frequency occasionally and make readjustments. Even though your rig might be stable you might have to do this as the NCS might be the one who is drifting! In any case, let's all do the best job we can.

73, K4KDN.

JUN4-BOX — that jumbled word game.

P Y L P U S

T O P U P T

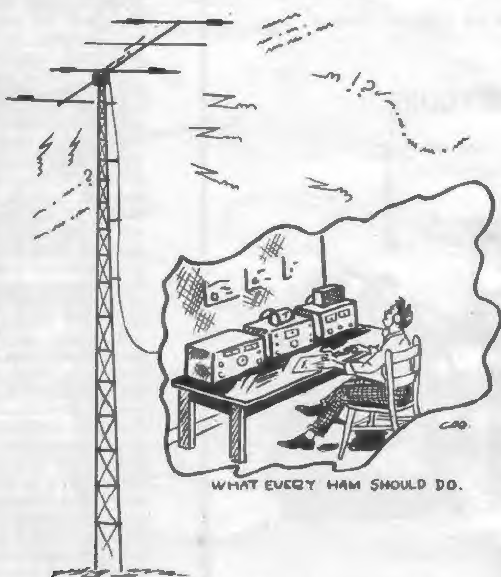
F E B R U F

T E R L I F

D O T R I E

G I L S E N

UNJUMBLE THESE SIX SCRAMBLES
ONE LETTER TO EACH SQUARE TO
FORM SIX ORDINARY WORDS.



NOW ARRANGE THE CIRCLED LETTERS TO FORM THE
SURPRISE ANSWER SUGGESTED BY THE ABOVE CARTOON

○ ○ ○ ○ ○ ○ HIS ○ ○ ○ ○ ○ ○

I Wonder Why?

HELLO TEST, HELLO TEST, HELLO TEST - right in the middle of an already going QSO. You hear it time after time every day. Now the test part in itself may be perfectly ok but why in the name of all that is holy do they always select a frequency that is in use?

If someone analyzed the thinking processes of such individuals I wonder what they would find? Probably a complete absence of anything capable of thinking.

Another peculiar thing about this is that many times these people are apologetic about what has happened but it is only a matter of a day or so they are back in there doing the same thing. Seems like a severe case of stupidity and ignorance complicated with long skip between the ears.

Onyx.

ATTENTION!

ALL DADE HAMS

The next meeting of the Dade County Amateur Radio Public Service Corps will be on May 6, 1965, at 2000 EST. It will be held at CD Headquarters, Miller and Galloway Rds. (5700 SW 87 St.), Miami. All clubs should be represented.

HAMBAR

Continued from Page 15

FOR SALE: Heath Sixer Model 29 factory modified for 8 MC xtls. Excellent condition, complete with AC cord, 12VDC supp and 3 xtls. Will ship prepaid, \$35.00. Bob Reinhart, WA4HRF, 372 W. Dayton Circle, Ft. Lauderdale, Fla. 33312.

FOR SALE: Hammerlund HQ-180A with speaker like new, \$225; Gonset Model 2-B Communicator, 4 crystals, mike, hilltop antenna, excellent condition, \$100; Gonset Super 12 converter, \$25. Al Lawrence K4UBD, 50 SE 3rd Ave., Miami, Fla. 33131, Fone FR 1-6784.

PATRONIZE OUR ADVERTISERS



Joe Engressia, WA4JZT, of 9050 SW 117th Ave., Miami, wishes to thank Mr. John McLeod, former FCC Commissioner, for donating the tower and members of the South Miami Radio Club for help in erection of this 110 foot tower. Joe is 15-years-old, a student at Southwest High, sightless from birth, holds a General ticket and works 6 thru 160 with his HQ-170 and Ranger. That's Joe standing in front of his shack.